

WHAT IS CLAIMED IS:

Sub 1
1. A display device comprising:
a display panel comprising a pixel portion in which a plurality of thin film transistors
5 are arranged in matrix, a source driver circuit, and a gate driver circuit;
an image signal processing circuit for processing an image signal input from an external; and
a control circuit for controlling said display panel and said image signal processing circuit,
wherein said image signal processing circuit corrects said image signal on a basis of
10 a correction table and feeds said display panel with said corrected image signal.

Sub 2
2. A display panel according to claim 1, wherein said display panel is a liquid crystal display panel.

Sub 3
3. A display device according to claim 1, wherein said source driver circuit is a digital driver with a D/A conversion circuit.

Sub 4
4. A display device according to claim 1, wherein said image signal processing circuit
20 comprises a correction circuit and an A/D conversion circuit.

5. A display device according to claim 1, wherein said display device is one selected from the group consisting of a projector, a goggle type display, a mobile computer, a video camera, a DVD player, and a game machine.

Sub 5
6. A display device comprising:

a display panel comprising a pixel portion in which a plurality of thin film transistors are arranged in matrix, a source driver circuit, and a gate driver circuit;

an image signal processing circuit for processing an image signal input from an external; and

5 a control circuit for controlling said display panel and said image signal processing circuit,

wherein said image signal processing circuit performs gamma correction on said image signal on a basis of a correction table and feeds said display panel with said image signal on which gamma correction has been performed.

10 7. A display device according to claim 6, wherein said display panel is a liquid crystal display panel.

8. A display device according to claim 6, wherein said source driver circuit is a digital driver with a D/A conversion circuit.

9. A display device according to claim 6, wherein said image signal processing circuit comprises a correction circuit and an A/D conversion circuit.

20 10. A display device according to claim 6, wherein said display device is one selected from the group consisting of a projector, a goggle type display, a mobile computer, a video camera, a DVD player, and a game machine.

11. A method for operating a display device comprising the steps of:
processing an image signal input from an external by an image signal processing
circuit;

controlling said image signal processing circuit and a display panel by a control circuit;

correcting said image signal based on a correction table; and

supplying a corrected image signal to said display panel through a correction circuit.

12. A method according to claim 11, wherein said display device is a liquid crystal display device.

13. A method according to claim 11, wherein said display device is one selected from the group consisting of a projector, a goggle type display, a mobile computer, a video camera, a DVD player, and a game machine.

14. A method for operating a display device comprising the steps of:
processing an image signal input from an external by an image signal processing circuit;

controlling said image signal processing circuit and a display panel by a control circuit;

performing a gamma correction of said image signal based on a correction table; and
supplying a corrected image signal to said display panel through a correction circuit.

15. A method according to claim 14, wherein said display device is a liquid crystal display device.

16. A method according to claim 14, wherein said display device is one selected from

the group consisting of a projector, a goggle type display, a mobile computer, a video camera, a DVD player, and a game machine.

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